



## INTERNATIONAL SEARCH REPORT

International application No.

PCT/KR2004/000420

<b>A. CLASSIFICATION OF SUBJECT MATTER</b>		
IPC7 C08L 23/08, C08K 3/22, C08L 31/04, C08L 33/08, H01B 3/30		
According to International Patent Classification (IPC) or to both national classification and IPC		
<b>B. FIELDS SEARCHED</b>		
Minimum documentation searched (classification system followed by classification symbols) IPC7 C08L 23/08, C08K 3/22, C08L 31/04, C08L 33/08, H01B 3/30		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Korean Patents and applications for inventions since 1975		
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) KIPASS, JAPIO, PAJ, USPAT		
<b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b>		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 99-48971 A (KURARAY CO., LTD.) 30 SEPTEMBER 1999 * see the whole document.	1-13
A	US 4549041 A (FUJIKURA LTD.) 22 OCTOBER 1985 * see the whole document.	1-13
A	US 5707732 A (NIPPON UNICAR CO., LTD.) 13 JANUARY 1998 * see the whole document.	1-13
A	US 6277908 B1 (BOREALS A/S) 21 AUGUST 2001 * see the whole document.	1-13
A	KR 98-0025935 A (SK CO., LTD.) 15 JULY 1998 * see the whole document.	1-13
A	KR 2000-0060307 A (LG CABLE LTD.) 16 OCTOBER 2000 * see the whole document.	1-13
A	KR 2001-0061909 A (LG CABLE LTD.) 7 JULY 2001 * see the whole document.	1-13
<input type="checkbox"/> Further documents are listed in the continuation of Box C. <input checked="" type="checkbox"/> See patent family annex.		
<p>* Special categories of cited documents:</p> <p>"A" document defining the general state of the art which is not considered to be of particular relevance</p> <p>"E" earlier application or patent but published on or after the international filing date</p> <p>"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of citation or other special reason (as specified)</p> <p>"O" document referring to an oral disclosure, use, exhibition or other means</p> <p>"P" document published prior to the international filing date but later than the priority date claimed</p> <p>"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</p> <p>"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</p> <p>"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art</p> <p>"&amp;" document member of the same patent family</p>		
Date of the actual completion of the international search 26 JULY 2004 (26.07.2004)		Date of mailing of the international search report 26 JULY 2004 (26.07.2004)
Name and mailing address of the ISA/KR  Korean Intellectual Property Office 920 Dunsan-dong, Seo-gu, Daejeon 302-701, Republic of Korea Facsimile No. 82-42-472-7140		Authorized officer LEE, Ha Yeon Telephone No. 82-42-481-5537 

**INTERNATIONAL SEARCH REPORT**

Information on patent family members

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 99-48971 A	30.09.99	EP 982326 A1 JP 11335496 A2	03.01.00 07.12.99
US 4549041 A	22.10.85	JP 60189114 A2 JP 60101129 A2 KR 93006208 B1	26.09.85 05.06.85 09.07.93
US 5707732 A	13.01.98	JP 09071690 A2	18.03.97
US 6277908 B1	21.08.01	EP 530940 B1 JP 05054723 A2	20.12.00 05.03.93
KR 98-0025935 A	15.07.98	NONE	
KR 2000-0060307 A	16.10.00	NONE	
KR 2001-0061909 A	07.07.01	NONE	